

Appl. No. 10/645,813
Amdt. dated September 13, 2005
Reply to Office Action of July 8, 2005

PATENT

Amendments to the Specification:

Please replace the paragraph at page 6, lines 14-25 with the following amended paragraph:

The distributed file system (DFS) according to the embodiment of the present invention, shown in Fig. 1 is constituted from the network 1, DFS servers 2 connected to the network 1, DFS clients 3 for accessing the file system on the network 1 using a DFS protocol, NFS clients 4 and CIFS client 5 for making access ~~[[though]]~~ through a conventional protocol for accessing a centralized file system such as an NFS or a CIFS basically implemented with a single file server on the network 1. Hereinafter, the NFS clients 4 and the CIFS client 5 may be referred to as conventional protocol clients.

Please replace the paragraph at page 22, line 27 to page 23, line 20 with the following amended paragraph:

(6) According to the conventional protocol, a series of updating processes on a file ~~[[does]]~~ need not always be performed through a single processing request. In the NFS, for example, a size of a file to be updated can be changed by setting. However, an update request is usually fulfilled as an update process on the file of the defined size of 8KB, for example. If updating of data exceeding 8KB is performed, a request for the updating is divided into a plurality of update requests and fulfilled. If updating of 24KB data is performed, a request for the updating is divided into three update requests each for updating 8KB data, and they are fulfilled. In order to generate a new generation number for each of the divided update requests, once updating of a file has been started, it is necessary to memorize until completion of the updating that the file is being updated. In order to achieve this purpose, the conventional protocol processing unit 31 registers a file of which updating has been started in a file monitoring table 70, which will be described later, at step 95. The file monitoring table 70 is held in the directory managing unit 33, for example.

Please replace the paragraph at page 28, line 15 to page 29, line 1 with the following amended paragraph:

At step 101, the gateway unit 25 waits for occurrence of the trigger indicating completion of updating as described above, and starts processing upon occurrence of the

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trigger. Upon occurrence of the trigger, the conventional protocol processing unit 31 refers to the file monitoring table 70 to obtain the GUID for the new generation file being created at step 102. At step 103, the DFS accessing unit 32 uses the GUID to issue to the DFS processing unit 26 a request for completion of the updating. After completion of update processing at the DFS processing unit 26, the conventional protocol processing unit 31 deletes from the file monitoring table 70 the entry for the file to which the update processing has been performed, and releases the state where the file is being updated.